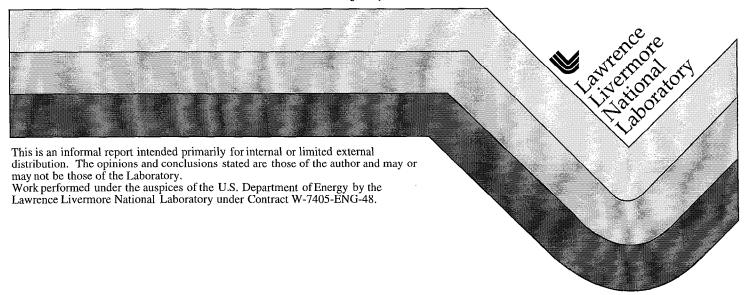
## **Analysis of Seismic Events** in and Near Kuwait

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## May 11, 1999



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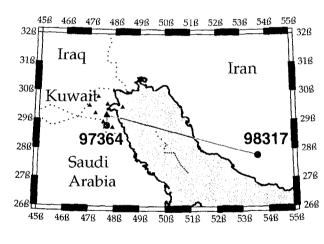
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## Analysis of Seismic Events in and Near Kuwait

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Sesimic data for events in and around Kuwait were collected and analyzed. We estimated event moment, focal mechanism and depth by waveform modeling. Results showed that reliable seismic source parameters for events in and near Kuwait can be estimated from a single broadband three-component seismic station. This analysis will advance understanding of earthquake hazard in Kuwait.



(left) Map of Kuwait Seismic Network and events analyzed.

(below) Waveform fits (data in blue, synthetic in red) for the 97364 Kuwait event (left) and the 98317 Zagros earthquake (right).

